



Great Salt Lake Water Quality Studies

Project Update

Project 5

Brine Shrimp Kinetics Study

Dr. Martin Grosell

University of Miami



Brine Shrimp Kinetics Study

Contract signed on March 20, 2007

**Dr. Grosell and Dr. Buchwalter have
discussed workplan in detail**

**Dr. Buchwalter to visit Univ of Miami
on April 21**



Brine Shrimp Kinetics Study

**Dr. Grosell is developing DQOs this week,
SOPs are in progress**

Algae and Brine Shrimp are in Culture

**Currently Looking at Feeding Rates for
Brine Shrimp**

**Has Determined Current Male:Female Ratio
as 46:54%**



Brine Shrimp Kinetics Study

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Ratio as 46:54%**

**Brad Marden collected algae samples
last week for analysis/speciation by
Jason Unrine**



Brine Shrimp Kinetics Study

Anticipates Having Objectives 1 & 2 Complete by the end of April

- **Objective 1: Determine Suitable Salinities for Experiments**
- **Objective 2: Determine Se Uptake Rates from Dissolved Se**